| , 4 A & 1  | The Lead Bridge of Land  |  |
|--|--|--|
| FORM PTO-1390 , U.S. E<br>(REV 10-94)  | DEPARTMENT OF COMMERCE PATENT AND TRADEMARK O  |  |
| TRÂNSMITTAL LETTER   | 00270.0078USWO   |  |
| DESÏĞNATED/ELECT   | ED OFFICE (DO/EO/US)   |  |
|  | NG UNDER 35 U.S.C. 371   | ·  |
|  |  | U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)   |
|  |  | Unkngw0/516753                                       |
| INTERNATIONAL APPLICATION NO.  | INTERNATIONAL FILING DATE  | PRIORITY DATE CLAIMED                                |
| PCT/CA03/00822   | 06 June 2003   | 06 June 2002   |
| TITLE OF INVENTION   |  |  |
| REGULATION OF GENE EXPRESSION U  | JSING CHROMATIN REMODELLING  | FACTORS  |
| APPLICANT(S) FOR DO/EO/US  |  |  |
| HANNOUFA et al.  |  | 1  |
| Applicant herewith submits to the United States D  | Designated/Elected Office (DO/EO/US) the follow  | owing items and other information:                   |
| [X] This is a <b>FIRST</b> submission of items co  | ncerning a filing under 35 H S C 371   |  |
|  | ENT submission of items concerning a filing un   | nder 35 U.S.C. 371.                                  |
| 3. [X] This express request to begin national ex   | xamination procedures (35 U.S.C. 371(f)) at any  | y time rather than delay                             |
|  | applicable time limit set in 35 U.S.C. 371(b) and Preliminary Examination was made by the 19th |  |
|  | ,  | Though from the earnest claimed priority date.       |
| 5. [X] A copy of the International Application   |  |  |
| a. [X] is transmitted herewith (require     b. [] has been transmitted by the Int          | ed only if not transmitted by the International Bremational Bureau.                            | ureau).  |
|  | lication was filed in the United States Receiving  | g Office (RO/US)                                     |
| 6. [ ] A translation of the International Application                                      | ation into English (35 U.S.C. 371(c)(2)).  |  |
| 7. [X] Amendments to the claims of the Interna   | ational Application under PCT Article 19 (35 U   | J.S.C. 371(c)(3))                                    |
| a. [ ] are transmitted herewith (  | required only if not transmitted by the Internation  |  |
| b. [ ] have been transmitted by to c. [ ] have not been made; howe                         | the International Bureau.<br>ever, the time limit for making such amendment                    | to has NOT evnired                                   |
| d. [X] have not been made and will no  |  | is has NOT expired.                                  |
| 8. [ ] A translation of the amendments to  | the claims under PCT Article 19 (35 U.S.C. 37  | (1(c)(3)).   |
| 9. [X] An unsigned oath or declaration of the in   | nventor(s) (35 U.S.C. 371 (c)(4)).   |  |
| 10. [ ] A translation of the annexes to the I  | International Preliminary Examination Report u   | ander PCT Article 36                                 |
| (35 U.S.C. 371(c)(5)).   |  |  |
| Items 11. to 16. below concern document(s) or i  |  |  |
| 11. [X] An Information Disclosure Statement un   | der 37 CFR 1.97 and 1.98.  |  |
| 12. [ ] An assignment document for record  | ding. A separate cover sheet in compliance with  | 37 CFR 3.28 and 3.31 is included.                    |
| [X] A FIRST preliminary amendment.     [ ] A SECOND of SUBSEQUENT pre                      | eliminary amendment.   |  |
| 14. [ ] A substitute specification.  |  |  |
| 15. [ ] A change of power of attorney and/   | or address letter.   |  |
| 16. [X] Other items or information: Application Form PCT/ISA/220, Form PCT/IB/304, Form PC |  | s, International Publication Page, Form PCT/ISA/210, |
|  |  |  |

| U.S. APPLICATION NO. (If know  | vn, see 37 C.F.R. 1.5)  | INTERNATIONAL APPLICATION                            | NO.                             | ATTORNEY'S DOCKET NUMBER   |             |  |  |
|--|---|--|---------------------------------|----------------------------|-------------|--|--|
| Unknown 10/  | 516753  | PCT/CA03/00822                                       |                                 | 00270.0078USWO             |             |  |  |
| 17. [X] The following fees are submitted:  |   |  |                                 | CALCULATIONS P             | TO USE ONLY |  |  |
| BASIC NATIONAL F   | EE (37 CFR 1.492(a) (1)-(5                                    | 5)):   |                                 |                            |             |  |  |
| Search Report has  | been prepared by the EPO o                                    | r JPO  | \$950.00                        |                            |             |  |  |
| International preliminary examination fee paid to USPTO (37 CFR 1.492(a)(1))   |   |  |                                 |                            |             |  |  |
|  | eliminary examination fee pa<br>earch fee paid to USPTO (37   |  |                                 |                            |             |  |  |
|  | al preliminary examination for fee (37 CFR 1.445(a)(3)) p     |  | \$1100.00                       |                            |             |  |  |
| International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)\$100.00                              |   |  |                                 |                            |             |  |  |
|  | ENTER APPROP  | RIATE BASIC FEE                                      | AMOUNT =                        | \$950.00                   |             |  |  |
|  | r furnishing the oath or decl<br>claimed priority date (37 Cl |  | 30                              | \$0                        |             |  |  |
| CLAIMS   | NUMBER FILED  | NUMBER EXTRA   | RATE                            |                            |             |  |  |
| Total claims   | 42 -20 =  | 22   | X \$18.00                       | \$396.00                   |             |  |  |
| Independent claims   | 20 -3 =   | 17   | X \$88.00                       | \$1,496.00                 |             |  |  |
| MULTIPLE DEPENDE   | ENT CLAIM(S) (if applicabl                                    | e)   | + \$300.00                      | \$0                        |             |  |  |
|  | TOTAL   | OF ABOVE CALCU                                       | LATIONS =                       | \$2,824.00                 |             |  |  |
| Reduction by 1/2 for fili  | ng by small entity, if applica                                |  |                                 |                            |             |  |  |
| pursuant to 37 CFR 1.27  |   |  | \$0                             |                            |             |  |  |
|  |   | \$2,842.00   |                                 |                            |             |  |  |
| Processing fee of \$130.00 for furnishing the English translation later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(f).                |   |  | \$0                             |                            |             |  |  |
| TOTAL NATIONAL FEE =   |   |  |                                 | \$2,842.00                 |             |  |  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + |   |  |                                 | \$0                        |             |  |  |
| TOTAL FEES ENCLOSED =  |   |  |                                 | \$2,842.00                 |             |  |  |
| TO THE PLES ENCEDSED   |   |  |                                 | Amount to be:              |             |  |  |
|  |   |  |                                 | refunded                   | \$0         |  |  |
|  |   |  |                                 | charged                    | \$0         |  |  |
| a. [X] Check(s) in the amount of \$2,842.00 to cover the above fees is enclosed.   |   |  |                                 |                            |             |  |  |
| b. [ ] Please charge my Deposit Account No in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.                                     |   |  |                                 |                            |             |  |  |
|  | oner is hereby authorized to Deposit Account No. 13-2'        |  | vhich may be requ               | uired, or credit any       |             |  |  |
|  |   |  |                                 |                            |             |  |  |
| NOTE: Where an appr<br>1.137(a) or (b)) must be  | ropriate time limit under 3<br>e filed and granted to resto   | 7 CFR 1.494 or 1.495 has re the application to pendi | not been met, a p<br>ng status. | petition to revive (37 CFR |             |  |  |
| SEND ALL CORRESPONDENCE  | TO: .   |  |                                 | 1                          |             |  |  |
| Gregory A. Sebald<br>MERCHANT & GOU  | JLD   |  | SIG                             | NATURE:                    | M/n/        |  |  |
| P.O. Box 2903  |   |  |                                 |                            |             |  |  |
| Minneapolis, MN 55   | Minneapolis, MN 55402-0903 NAME: Gregory A. Sebald            |  |                                 |                            |             |  |  |
|  |   | GISTRATION NUMBER: 33,280                            |                                 |                            |             |  |  |

10/516753

Rec'd PCT/PTO 0 3 DEC 2004

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

HANNOU et al.

HANNOU Et al.

Docket: Title: 00270.0078USWO

Title.

REGULATION OF GENE EXPRESSION USING CHROMATIN REMODELLING FACTORS

CERTIFICATE UNDER 37 CFR 1.10

'Express Mail' mailing label number: EV 495867620 US

Date of Deposit: December 3, 2004

I hereby certify that this paper of fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under \$7 CFP, 1.10 and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Name: David Organia

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.

National Stage PCT Patent Application: Spec. 94 pgs; 42 claims; Abstract 0 pgs. The fee has been calculated as shown below in the 'Claims as Filed' table.

38 sheets of Sequence Listing

36 sheets of formal drawings

An unsigned Combined Declaration and Power of Attorney

A check in the amount of \$2842.00 to cover the Filing Fee

Information Disclosure Statement, Form 1449, 4 reference(s).

Application Data Sheet, 4 pages.

Other: Form PTO-1390, Preliminary Amendment (15 pages), International Publication Page, Form PCT/ISA/210, Form PCT/ISA/220, Form PCT/IB/304, Form PCT/IB/308

Return postcard

## **CLAIMS AS FILED**

| Number of Claims Filed       |     | In Excess of: |   | Number<br>Extra |   | Rate  |           | Fee       |
|------------------------------|-----|---------------|---|-----------------|---|-------|-----------|-----------|
| Basic Filing Fee             |     |               |   |                 |   |       |           | \$950.00  |
| Total Claims                 |     |               |   |                 |   |       |           |           |
| 42                           | -   | 20            | = | 22              | х | 18.00 | =         | \$396.00  |
| Independent Claims           |     | **            |   |                 |   |       |           |           |
| 20                           | 1-1 | 3             | = | 17              | х | 88.00 | =         | \$1496.00 |
| MULTIPLE DEPENDENT CLAIM FEE |     |               |   |                 |   |       | \$0.00    |           |
| TOTAL FILING FEE             |     |               |   |                 |   |       | \$2842.00 |           |

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.

P.O. Box 2903, Minneapolis, MN 55402-0903

(612) 332-5300

Name: Gregory A. Sebald

Reg. No.: 33,280 Initials: GAS/sbd

23552

PATENT TRADEMARK OFFICE

## **DOCKET NOTIFICATION SLIP**

## TO: PATENT DOCKETING

Applicant:

HANNOUFA et al.

Title:

REGULATION OF GENE EXPRESSION USING CHROMATIN REMODELLING FACTORS

Docket:

00270.0078USWO

Express Mail No.: EV 495867620 US Date of Deposit: December 3, 2004

Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.

National Stage PCT Patent Application: Spec. 94 pgs; 42 claims; Abstract 0 pgs.

□ 36 sheets of formal drawings

An unsigned Combined Declaration and Power of Attorney

A check in the amount of \$2842.00 to cover the Filing Fee

☐ Information Disclosure Statement, Form 1449, 4 reference(s). ☐ Application Data Sheet, 4 pages.

Other: Form PTO-1390, Preliminary Amendment (14 pages), Form PCT/ISA/210, Form PCT/ISA/220, Form PCT/IB/304, Form PCT/IB/308

Return postcard

GAS/sbd NO FF